

AGREEMENT

This Agreement, made this day of , 1988
and effective as of January 1, 1988 by and between the City of
Philadelphia, hereinafter called "City", and the Bucks County
Water and Sewer Authority, hereinafter called "Authority".

WITNESSETH:

WHEREAS, City owns and operates wastewater collection
and treatment facilities to convey, treat and dispose of waste-
water its by-products, including sludge, collected from retail
customers within the City and from outlying municipalities,
townships, authorities and entities including Authority; and

WHEREAS, City desires to reserve wastewater treatment
capacity for wholesale suburban customers at its Northeast Water
Pollution Control Plant (the "Plant") on a long term basis to
ensure the most efficient use of the City's resources and facili-
ties, and to provide full and fair compensation to City; and

WHEREAS, the Council of the City of Philadelphia has by
Ordinance, Bill No. 1129, May 20, 1987, directed the Water
Commissioner to enter into new agreements for the sale of
wastewater treatment service to suburban communities; and

WHEREAS, Authority desires to acquire wastewater treat-
ment capacity from City at the Plant to ensure a sufficient
wastewater treatment capacity for the communities it serves; and

WHEREAS, the Plant has limited capacity and City has other suburban customers who purchase wastewater treatment service from City; and

WHEREAS, Authority agrees to pay for its reserved wastewater treatment capacity in accordance with this Agreement;

NOW, THEREFORE, intending to be legally bound and in consideration of the mutual covenants contained in this Agreement, the parties agree as follows:

I. WASTEWATER QUANTITY AND QUALITY

A. Reservation of Capacity - City shall reserve wastewater treatment capacity for the Authority at the Plant as set forth in Exhibit "A" attached hereto and incorporated herein ("Flow and Loadings Limits") commencing on the date of this Agreement.

B. Capital Contribution - Upon execution of this Agreement, in consideration of the reservation of capacity at the Plant, Authority shall pay ELEVEN MILLION NINE HUNDRED THOUSAND DOLLARS (\$11,900,000.00) to City for net cost to City for wastewater conveyance and treatment facilities, systems and equipment completed prior to July 1, 1986 and allocated to the service of Authority under the terms and conditions stated herein plus THREE HUNDRED AND SEVENTY-THREE THOUSAND DOLLARS (\$373,000.00) for wastewater conveyance and treatment facilities, systems and equipment allocated to the service of Authority as stated herein and completed as of December 31, 1987. These sums plus any additional sums

paid to City by Authority for facilities, systems and equipment allocated to Authority under this Agreement shall be referred to as Authority's "Capital Contribution."

C. Pro-rata Share of New Facilities and Renewal and Replacement -

(1) Authority agrees to pay to City its pro-rata share as calculated by City of costs for capital expenditures for renewal and replacement of facilities, and for new facilities, excepting however, new facilities which are intended solely to increase the capacity of the Plant. The costs to be allocated shall be net of grants on other reimbursement from the federal or state government. City shall provide Authority with a Facilities Capital Budget not later than thirty (30) days before the beginning of City's Fiscal Year to notify Authority of its share of the cost of capital improvements and renewal and replacement.

(2) Authority agrees to pay actual costs of capital improvements or renewal and replacement within sixty (60) days of receipt of the bill. In the event that Authority does not pay the bill when due, late charges will accrue in accordance with Section II.B., below.

D. Change in Capacity -

(1) Authority agrees that if the capacity of the Plant is upgraded or downgraded by Federal or State agencies or regulations or if City is directed to acquire additional facilities by Federal or State agencies or regulations,

Authority will pay any costs associated with its revised pro-rata share of capacity as calculated by City. Nothing in this Section I.D. shall serve to revise Authority's flow and loadings limits as set forth in Exhibit A attached hereto and incorporated herein ("The Flow and Loadings Limits Addendum").

(2) In the event that City has excess capacity available, City shall offer it to its suburban customers on a first come, first serve basis. If Authority desires to purchase such excess capacity, it agrees to pay rates and charges then in effect for such capacity, to make a capital contribution therefor and to terms consistent with this Agreement. Nothing in this Section I.D shall be construed as binding upon either party to agree to modify this Agreement, the Flow and Loadings Limits Addendum or binding upon the City to have additional capacity available.

E. Exceedance Charges -

(1) Flow and Loadings Limits - The wastewater delivered by Authority to City shall not exceed the limitations set forth in the Flow and Loadings Limits Addendum. For the purpose of this Agreement the term "Flow Limits" shall mean the maximum amount of wastewater as measured in millions of gallons per day which may be delivered to City for treatment in a given period of time and the term "Loadings Limits" shall mean the maximum biochemical oxygen demand ("BOD") loadings and suspended solids ("SS") loadings which shall be delivered to City for treatment annually.

(2) The Flow Limits shall be as set forth in the Flow and Loadings Limits Addendum. The Flow Limits for "Stage 1" shall remain in effect until acceptance of wastewater flow by City via the Force Main as set forth in Section IV.O, below. Thereafter, the Flow Limits for "Stage 2" shall govern this Agreement.

(3) The "Loadings Limits" for SS and BOD shall be as set forth in the Flow and Loadings Limits Addendum.

(4) Exceedance Charges - City shall estimate or measure the quantity and sample the quality of Authority's wastewater flow. Authority shall be liable to pay penalties to City for exceedances of agreed-upon Flow Limits and Loadings Limits as set forth in the Flow and Loadings Limits Addendum and the "Exceedance Charges Addendum" (attached hereto and incorporated herein as Exhibit "B").

(5) Plan to Eliminate Exceedances - In the event that Authority's wastewater flow exceeds the Flow Limits set forth in the Flow and Loadings Limits Addendum on five (5) or more occasions in one calendar year or eight (8) or more occasions in two consecutive calendar years, or ever exceeds the maximum annual average, or if Authority exceeds the Loadings Limits, either for BOD or SS, Authority agrees:

a) That upon written notice of exceedances from City, Authority shall develop and submit to City within one hundred and eighty (180) days of written notice a written report detailing a plan of action to eliminate the exceedances within five (5) years from the date of sub-

mission of the written report. City shall promptly approve or disapprove the plan. Approval of the plan outlined in the report will not be unreasonably withheld. City shall notify the Authority in writing within sixty (60) days of receipt of the plan of approval or disapproval and shall include reasons for failure to approve.

b) If Authority fails to submit a report outlining a plan to eliminate exceedances, or if City cannot approve such a plan, Authority shall be liable to City for a penalty of One Thousand Dollars (\$1,000.00) per week until such time as Authority submits a plan which City can approve.

II. WASTEWATER TREATMENT CHARGE

A. Wastewater Treatment Charges - Authority agrees to pay wastewater treatment charges. The wastewater treatment charges shall consist of:

(1) An operation and maintenance charge based upon actual or estimated wastewater flows and actual or estimated BOD and SS Loadings of wastewater delivered to the Plant by Authority. The operation and maintenance charge shall be based upon the cost (as defined below at Paragraph II.A. (3)) of conveying and treating wastewater delivered by the Authority. Such charges shall be based upon quantity, quality and flow rates of wastewater delivered as well as charges based upon billing, metering, sampling and other related

fixed costs.

(2) A management fee equal to ten percent (10%) of the charges set forth in paragraph (1).

(3) For the purpose of this Agreement the term "Cost" shall include all direct and indirect expenses, including but not limited to, labor, materials, equipment, power, chemicals, rentals, benefits and departmental overhead. Departmental overhead shall include, but not be limited to, such items of cost as administrative, financial, legal, accounting and engineering support.

(4) Authority shall have the right upon written request to review City's method of computing and allocating the cost of providing wastewater treatment service to Authority.

B. Billing and Penalties for Late Payment -

(1) Upon the execution of this Agreement, City shall render bills to Authority on a quarterly basis for the charges set forth in this Agreement. City reserves the right to bill Authority on a more or less frequent basis in the future.

(2) Bills shall be payable to City by Authority within thirty (30) days of receipt of bill by Authority. Authority shall notify City in writing of disputed charges prior to their due date. Authority may withhold payment of disputed charges, but in the event the dispute is resolved in favor of City, payment withheld shall be subject to late fees running from the original due date for said charges. In no event

shall City be liable to Authority for payment of interest or late fees of any nature on disputed charges.

(3) Late fees at the rate of one and one-quarter percent (1-1/4%) per month simple interest shall be added to any balance unpaid thirty (30) days after billing.

(4) City, upon six (6) months prior written notice to Authority, may increase or decrease late fees to a level reflecting additional or decreased costs incurred by City.

C. Notice of Changes in Rates - City shall provide notice to Authority of any change in rates or billing practices at least ninety (90) days in advance of the effective date of such new rates or practices.

III. CONSTRUCTION, OPERATION AND MAINTENANCE OF AUTHORITY'S CONVEYANCE SYSTEM AND RELATED MATTERS

A. Design and Construction of Sewers - Authority shall design, construct, own, operate and repair at its sole cost and expense sanitary sewers and connections to the City system necessary to convey its wastewater to the City limits.

B. Approved Connection Points - The locations of approved points of connection and provisions concerning these connections are described in Exhibit "C", attached hereto and incorporated herein (the "Connection Points"). No additional Connection Points shall be made without prior written approval from City acting through its Water Commissioner.

C. Plan to Eliminate Unauthorized Discharge - If any of Authority's Connection Points are determined by the City or any governmental regulatory agency to be maintenance problems or sources of unauthorized discharges, Authority agrees to immediately submit a plan to City outlining action to be taken to eliminate within forty-five days of written notification the problem or unauthorized discharge. City shall promptly approve or disapprove said plan. Any action taken pursuant to this section III.C. shall be at the sole expense of Authority.

IV. FORCE MAIN EXTENSION

A. Authority to Construct Force Main - Authority agrees to construct an extension of its connection piping and necessary appurtenances into City (the "Force Main") to reconnect with City's Upper Delaware Low Level Interceptor System in the vicinity of State Road and Shelmire Avenue in a location to be approved by City after completion of a route feasibility study performed at the sole cost of Authority.

B. Rights of Entry - For the purpose of constructing the Force Main, City shall assist Authority in acquiring rights of entry, easements and rights of way upon land necessary for construction of the Force Main. Rights of way or easements on land for which the City does not hold title required to construct the Force Main shall be acquired at the sole cost of Authority, City assisting in such acquisitions where possible.

C. Right to Revoke - In the event the Force Main is located within any City street and if such City street is needed

for a public purpose, City shall have the right upon twelve months prior written notice to Authority, to revoke or modify any right to place the Force Main within City's streets. In the event City exercises this right of revocation or modification, Authority shall, at its sole cost and expense:

- 1) Promptly relocate the Force Main according to the directions and requirements of City and restore the surface of the affected streets; or
- 2) with City's approval, not unreasonably withheld, pay City the increased cost of any project constructed by City in a different location as a result of Authority's failure to make such relocation.

D. Authority to Pay for New Sewer - Authority at its sole expense, shall construct the Force Main in the route to be approved by City in accordance with City's Standard Specifications, where applicable. Authority shall pay all construction expenses relating to the Force Main, including, but not limited to, design, preparation of plans and drawings, construction, and "as-built" plans. Authority shall also pay City for consultation with City's personnel and reasonable costs incurred by City in connection with City's periodic inspection, repair and testing of the Force Main.

E. Review - City shall have the right to review from time to time, plans, shop drawings, materials, workmanship and contract drawings for the Force Main.

F. Other Required Approvals - Any review by the Water Commissioner ("Commissioner") shall not be deemed to constitute approval required by any other department, board or commission of City, including, but not limited to, the Department of Licenses and Inspections and the Streets Department.

G. Emergencies During Construction - City shall have the right throughout the construction of the Force Main to take steps deemed necessary by the Commissioner to alleviate any emergency or potentially hazardous condition or conditions threatening public health, safety or welfare.

H. Drawings - Upon completion of the Force Main, Authority shall deliver to City a full set of shop drawings and "as-built" plans.

I. Materials and Workmanship - The materials used in the Force Main shall conform to the requirements of the plans and specifications and shall be well adapted for the kind of service required. The work shall be of first class construction, free from defects and the work shall be performed in a good and workmanlike manner.

J. Defective Work or Material - Authority shall remove, at its own expense, any work or material judged by City as defective or not in accordance with the plans and specifications and shall reconstruct, rebuild and replace the same until such time as City shall approve the work or material.

K. No Representation or Warranty by City -

(1) Notwithstanding anything contained in this Agreement, any review and/or approval by the City, or acceptance of the Force Main by the City, shall not constitute any representation, warranty or guarantee by City as to the substance or quality of documents, work or other matter reviewed, approved or accepted. No person or firm may rely in any way on such approval and at all times Authority and Authority's agents, contractors and subcontractors must use their own independent judgment as to the accuracy and quality of all such documents and other matters.

(2) The presence of City's representatives during construction shall not lessen the obligation of Authority for construction in accordance with the plans and specifications, free of defects.

L. Insurance -

(1) Prior to the commencement of construction of the Force Main and until one (1) year after acceptance of wastewater flow via the Force Main, Authority shall obtain and maintain in full force and effect or cause its contractor to obtain and maintain in full force and effect: (i) A policy or policies of comprehensive general liability and property damage insurance, with broad form endorsement, protecting Authority and City against all claims, suits and actions, for or on account of any damage or injury to property or persons, including death, arising out of this Agreement and the con-

struction contemplated by this Agreement. The insurance policy or policies shall be in the minimum aggregate amount of Two Million Dollars (\$2,000,000.00). Authority or Authority's contractor may obtain the levels of insurance required by this Section with a blanket and/or umbrella policy or policies; (ii) Automobile insurance (owned, nonowned, hired and leased) with total limits per occurrence of not less than One Million Dollars (\$1,000,000.00); and (iii) Workers' Compensation insurance as required by law, and employer's liability insurance with a limit of not less than One Hundred Thousand Dollars (\$100,000.00).

(2) Each insurance policy shall be in form and content reasonably satisfactory to the City Solicitor, shall name the City of Philadelphia as an additional insured, and shall also (i) contain a contractual liability endorsement applicable to Authority's obligations under Section VIII.C. of this Agreement, and (ii) provide that the insurance provided in the policy or policies shall not operate to limit or void coverage of any one insured with respect to claims against the same insured by any other insured. Each policy shall contain a clause that the policy cannot be cancelled, modified or permitted to expire unless and until at least thirty (30) days prior written notice is given to City. Authority shall provide City with a certificate or certificates of insurance evidencing such coverage at least fifteen (15) days prior to commencement of construction of the Force Main and shall, upon the request of the City, provide the

City within a reasonable time after such request, but in no event more than sixty (60) days, with a copy of such insurance policy or policies. At least thirty (30) days prior to the expiration of each policy, Authority shall deliver to City a certificate or certificates evidencing a replacement policy or policies to become immediately effective upon the termination of the previous policy. Each insurance policy obtained pursuant to this Section shall be obtained from insurers having a Best rating of A+7 or better and licensed to transact business in the Commonwealth of Pennsylvania.

(3) If Authority fails to cause such insurance to be maintained, City shall not be limited in the proof of any damages which City may claim against Authority or any other person or entity to the amount of the insurance premium or premiums not paid or incurred and which would have been payable upon such insurance, but City shall also be entitled to recover as damages for such breach the uninsured amount of any loss and damages, expenses of suit and costs, including, without limitation, reasonable cancellation fees, suffered or incurred during any period when Authority shall have failed or neglected to provide insurance as aforesaid.

M. Surety Bond - Prior to the commencement of construction of the Force Main and until one (1) year after acceptance of wastewater flow via the Force Main, Authority shall obtain and maintain in full force and effect:

(1) A performance bond, in the form attached to this Agreement as Exhibit "E" and made a part hereof, with a

surety company approved by City naming City as an obligee in the amount of Six Million Dollars (\$6,000,000.00) as security for the faithful performance of the obligations of Authority under this Agreement; and

(2) A labor and materialmen's bond in the form attached to this Agreement as Exhibit "F" and made a part hereof, with a surety company approved by City naming City as an obligee in the amount of Six Million Dollars (\$6,000,000.00) as security for the full payment of Authority's contractors and subcontractors and others furnishing labor and materials for the Force Main.

N. Conditions for Start of Construction - Prior to commencement of construction of the Force Main, Authority shall obtain:

(1) all policies of insurance required in Section IV.L. of this Agreement;

(2) the surety bonds required in Section IV.M. of this Agreement;

(3) all permits and approvals required pursuant to Section IV.F. of this Agreement.

O. Acceptance of Wastewater Flow Via Force Main - Authority shall notify City and obtain City's approval prior to the conveyance of wastewater flow to the Plant via the Force Main. Prior to acceptance of wastewater flow via the Force Main, all metering equipment must be installed and operable and Authority must present to City for its approval an emergency plan of action to be

carried out in the event it is necessary to bypass or shut down the Force Main.

V. MAINTENANCE AND REPAIRS

A. Maintenance -

(1) Authority shall own and maintain the Force Main and equipment and the electronics associated with the meter installed in Bucks County. City shall own and maintain telemetering equipment installed in Bucks County which shall consist of equipment which converts the signal produced by the meter into a signal which can be transmitted over telephone lines. City shall also own and maintain all equipment located in City necessary to receive and record telemetered information.

(2) Authority shall submit to City for its approval, a plan to City prior to delivery of any wastewater flow to City via the Force Main setting forth a maintenance schedule and maintenance procedures for the metering equipment and electronics to be maintained by Authority under this section V.A. City shall review and approve or disapprove such plan within sixty (60) days of receipt. The plan shall demonstrate that Authority will obtain prompt service by qualified meter maintenance personnel to repair any meter or electronic malfunction or breakdown in a timely manner. City shall receive written reports of maintenance and inspection work performed on the meter.

(3) In the event of a malfunction or breakdown of the

meter, metering equipment or electronics associated with the meter, Authority shall provide City with a report from the independent contractor performing the repairs detailing the cause of the malfunction or breakdown and the repairs undertaken.

(4) A flow accuracy test utilizing metering equipment independent of the Authority's magnetic flow meter to verify the accuracy of the meter shall be performed by Authority's independent contractor annually. If the annual calibration check indicates that recalibration is required, the meter shall be recalibrated as required and another calibration check shall be performed within three (3) months and at three (3) month intervals thereafter until Authority and City determine that recalibration is no longer necessary.

Thereafter, annual calibration checks shall resume. Accuracy within two percent (2%) shall be acceptable. City shall have the right to review the qualifications and approve or disapprove the independent contractor chosen by Authority to perform flow accuracy testing. Such approval shall not be unreasonably withheld or delayed. City shall receive a written report of the test directly from the independent contractor. Authority shall pay all costs associated with the flow accuracy testing.

B. Should Authority fail to maintain and repair the Force Main or metering equipment within thirty (30) days after notification by City or immediately in the event of an emergency or

hazardous condition, City shall have the right to proceed with repair or maintenance and to recover the cost thereof from Authority. In addition, Authority shall be liable for a penalty payable to City in the amount of fifteen (15) percent of the cost of maintenance or repairs.

C. Sampling - City shall have the right to enter the area served by Authority at any time upon reasonable advance telephone notice to sample Authority's wastewater for quality.

D. Flow and Strength Estimates - Where City, in its sole discretion, determines that it is impractical or uneconomical to meter and/or sample wastewater, or when actual strength and flow data is unavailable for reasons beyond the control of City or Authority, City shall estimate, using its standard methods for estimating flow and/or strength figures for billing purposes.

E. Billing Information - Upon request, City shall provide to Authority strength and flow data utilized in billing Authority, including descriptions of its standard methods for estimating flow and/or strength figures.

VI. WASTEWATER QUALITY RESTRICTIONS

A. Interjurisdictional Pretreatment Agreement - City and Authority shall enter into the contract attached hereto and incorporated herein as Exhibit "D" (the "Interjurisdictional Pretreatment Agreement"). Authority agrees to comply with all of the provisions contained therein.

B. Sludge Utilization -

(1) Authority recognizes the importance and urgent need to utilize sludge in a timely and proper manner. Immediately upon signing of this Agreement, Authority and City shall work to develop an environmentally sound sludge utilization program meeting Federal and State standards within the area served by Authority. Authority shall propose a sludge utilization program which does not require a Pennsylvania Department of Environmental Resources permit by March 15, 1988 and thereafter shall continue to work with City to develop other applications for sludge utilization in the area served by Authority.

(2) Authority shall actively support City's community education program for sludge by identifying community groups for City which have an interest in sludge utilization and by providing City with appropriate facilities in Bucks County at which City may conduct educational programs.

VII. PAYMENT OF MONIES DUE AND OWING

Upon execution, Authority and City agree to fulfill their respective financial obligations under a prior agreement of October 1, 1982 as modified herein. Retroactive to July 1, 1986, City shall waive the capital portion of the lump sum charge in consideration of the Capital Contribution made under this Agreement and effective as of that date.

VIII. MISCELLANEOUS

A. Inspection and Audit - The parties agree that each shall keep complete records and accounts concerning their responsibilities under this Agreement. Each party shall at all times have the right to examine and inspect said records and accounts upon 30 days written notice. If required by any law or regulation, Authority shall make said records and accounts immediately available to Federal and State auditors.

B. Arbitration of Disputes - If any dispute shall arise between the parties hereto, concerning terms, conditions and covenants of this Agreement, the same shall be submitted to a Board of Arbitration. The Board of Arbitration shall be composed of three (3) arbitrators, one appointed by City, one by Authority, and the third to be agreed upon jointly by the arbitrators selected by City and Authority.

The arbitrators representing Authority and City shall be named within five (5) days from the request for the appointment of such Board. If after a period of ten (10) days from the date of the appointment, the two (2) arbitrators appointed by City and Authority cannot agree on the third arbitrator, then either appointed arbitrator may request the American Arbitration Association or its successor to furnish a list of three (3) members of said Association, who are not residents of either Philadelphia or Bucks Counties, from which the third arbitrator shall be selected.

The arbitrator appointed by Authority shall then eliminate one (1) name from the list furnished by the American Arbitration Association within five (5) days after its publication, following which the arbitrator appointed by City shall eliminate one (1) name from the list within five (5) days thereafter. The individual whose name remains on the list shall be the third arbitrator and shall act as the Chairman of the Board of Arbitrators.

Each party shall bear the costs of its own arbitrator and the parties shall equally divide the costs of the third arbitrator and all other common costs.

The Board of Arbitrators, thus established, shall commence the arbitration proceedings within ten (10) days after the third arbitrator is selected and shall make its determination within thirty (30) days after the appointment of the third arbitrator. The decision of such arbitrators shall be final and binding upon the parties, except in the case of fraud.

C. Claims, Insurance and Related Matters -

(1) Authority agrees to defend, indemnify and save harmless City from and against all claims, actions, causes, suits, demands, losses, interest, penalties and liabilities arising from performance of the terms and conditions of this Agreement by reason of:

a) City's inability, due to causes beyond its control, to perform any of the provisions of this

Agreement;

b) Injury (including death) to persons and damages to property resulting from operations under this Agreement to convey Authority's wastewater to the Plant and to construct the Force Main whether due to the negligence or gross negligence of City, Authority or their employees, servants or agents or the inherent nature of their operations;

c) EPA or Pennsylvania Department of Environmental Resources action of any kind whatsoever, whether direct or indirect, for any work undertaken by Authority, its contractors or consultants, necessary and required by this Agreement due to rejection of said work by the EPA or Pennsylvania Department of Environmental Resources;

d) Any grant fund, or any portion thereof, received by Authority and later determined to be ineligible for reimbursement by the appropriate regulatory agency or grant auditors.

(2) City and Authority agree that in the event of EPA or Pennsylvania Department of Environmental Resources action or any other governmental regulatory action against City of any kind whatsoever, for activities carried out under this Agreement either by City or Authority or their employees, servants or agents, City and Authority shall equitably apportion responsibility for payment of any costs, fines, penalties or damages arising from such action.

(3) Anything in this Agreement to the contrary notwithstanding, Authority shall not be liable for injuries (including death) or property damage occurring during the course of treatment at the Plant, except, to the extent that such injuries and damages increase City's operating costs, Authority shall be responsible for its proportionate share of those increased costs.

(4) Nothing set forth in this Agreement shall limit or debar City from resorting to any appropriate remedy in law or equity, or any combination of remedies for non-compliance with this section VIII.C of this Agreement.

(5) Nothing contained in this Agreement shall be deemed to confer upon any third person any right against City or Authority or to vest in said third person any cause of action against City or Authority or to authorize any such person to institute any suit or suits against City or Authority.

(6) City shall have the right to approve counsel appointed on its behalf pursuant to this Agreement, unless appointed by Authority's insurer.

D. No Transfer of Rights - Authority shall not confer, transfer, convey, assign or license to any third party any rights obtained under this Agreement without the express written consent of the City. Such consent shall not be unreasonably withheld.

E. Term -

(1) Except as set forth in Section VII, this Agreement shall be effective as of January 1, 1988, and shall continue

in force and effect until terminated as hereinafter set forth.

(2) City shall have the right to terminate this Agreement for "cause" at any time, but only upon five(5) years written notice. "Cause" shall mean:

- a) continuing exceedances of the flow and loadings limits which are not corrected as required by this Agreement and which impair the safe and efficient operation of the system or which cause City to be in violation of permits issued by PaDER or EPA; or
- b) failure by Authority to meet its financial obligations under this Agreement for a period of six consecutive months; or
- c) failure by Authority to comply with a decision or determination of a Board of Arbitration or court of competent jurisdiction rendered under this Agreement within three months of the date of the decision or determination.

(3) In the event that City terminates this Agreement for cause, Authority shall forfeit its capital contribution, including the cost of the Force Main.

(4) Authority or City may terminate this Agreement for any reason after it has been in effect for thirty-five (35) years, but only by giving written notice five (5) years before the effective date of termination.

(5) In the event this Agreement terminates for any

reason, except for cause as set forth in subparagraph (2) of this Section VIII. E., City shall pay to Authority an amount equal to the Authority's share of the then-remaining value of all systems, equipment and facilities, except the Force Main, used to convey and treat Authority's wastewater under this Agreement (the "Assets"). The remaining value of the Assets shall be calculated as follows:

- a) The remaining useful life of each component of the Assets shall be separately calculated.
- b) The original and all subsequent contributions by the Authority towards the cost of acquisition, renewal and replacement of each component of the Assets shall be multiplied by a fraction whose numerator is the remaining useful life of the component, and whose denominator is the sum of the years the component has been in service since January 1, 1988, plus the remaining useful life.
- c) The amount thus calculated shall be paid to the Authority in cash on the effective date of termination.
- d) The calculation required hereunder shall be made by an independent appraiser selected jointly by the City and the Authority. The expense of the appraisal shall be divided equally between the City and the Authority. If the City and the Authority cannot agree on an appraiser, then one shall be selected by the same method to be used to select a third arbitrator under Section VIII.B. of this Agreement.

(6) Upon termination of this Agreement for whatever reason or upon expiration of this Agreement, Authority shall pay to City the costs of abandoning the Force Main, if any. Such costs shall be established by City as of the abandonment.

F. Ownership, Management and Control of Plant Facilities -

City retains sole ownership and control of the Plant and all other sewage treatment facilities in the City except the Force Main, and agrees to operate, maintain, repair, and improve its facilities associated with service to Authority. City retains the sole and exclusive right to make all managerial and other decisions regarding its sewage treatment facilities, including but not limited to those decisions regarding maintenance, upkeep, expansion, or replacement of all or a portion of its sewage treatment facilities. Upon termination of this Agreement for any reason, by either party, ownership of the Force Main shall revert to City. Authority shall transfer its interest in all rights of way and easements for the Force Main to City in consideration of City's payment to Authority of one dollar (\$1.00). Said transfer of rights of way and easements to City shall be recorded in the real property records of Philadelphia County.

G. Severability - In the event any provision hereof is held illegal or invalid, no other provision of this Agreement shall be affected; and this Agreement shall then continue in full force as if such illegal or invalid provision had not been contained herein.

H. Successors and Assigns - All the covenants contained in this Agreement shall extend to and bind the respective successors and assigns of the parties hereto with the same effect as if the words "successors and assigns" had, in each case, been specifically mentioned.

I. Waiver - The failure of a party hereto to insist upon strict performance of this Agreement or of any of the terms or conditions hereof shall not be construed as a waiver of any of its rights herein granted.

J. Notices - All notices, payments and communications required to be given in writing under this Agreement shall be sent by United States mail, postage prepaid, or delivered by hand delivery with receipt obtained, to the addresses below or at such other addresses as City or Authority may designate in writing from time to time:

If intended for City:

Water Commissioner
ARA Tower
1101 Market Street
Philadelphia, Pennsylvania 19107

If intended for Authority:

Executive Director
Bucks County Water and Sewer Authority
1275 Almshouse Road
Warrington, Pennsylvania 18976

All notices shall be deemed received five (5) calendar days after mailing or upon actual receipt, whichever is earlier.

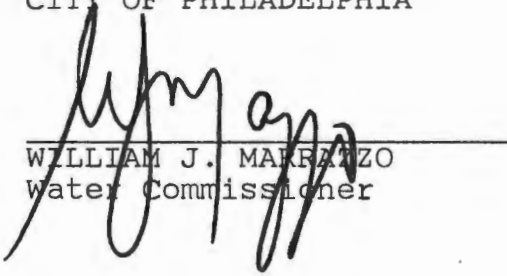
K. Captions - The captions in this Agreement are for convenience only and are not part of the Agreement. The captions do

not in any way define, limit, describe or amplify the provisions of this Agreement or the scope or intent thereof.

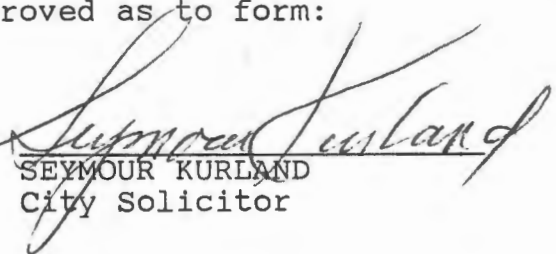
L. Entire Agreement - This Agreement and its Exhibits and Addendums, incorporated herein, represent the entire agreement of the parties hereto and there are no collateral or oral agreements or understandings. This Agreement may be amended or modified only in writing signed by both City and Authority.

IN WITNESS WHEREOF, The City of Philadelphia has caused this Agreement to be executed by its Water Commissioner; and the appropriate officer of the Bucks County Water and Sewer Authority has executed this Agreement on behalf of the Authority, and has hereunto affixed the corporate seal of the said Authority duly attested by the Appropriate officer thereof, the day and year first above written.

CITY OF PHILADELPHIA

By: 
WILLIAM J. MARFIZIO
Water Commissioner



Approved as to form:

By: 
SEYMOUR KURLAND
City Solicitor

BUCKS COUNTY WATER AND
SEWER AUTHORITY

By: 

Attest:

FLOW AND LOADINGS LIMITS ADDENDUM

DAYLIGHT FLOW LIMITS

	<u>Maximum Annual Avg.</u>	<u>Instantaneous Max.</u>
STAGE 1	10 MGD	14 cfs ¹
STAGE 2	20 MGD	62 cfs

BOD AND SS LOADINGS

<u>ANNUAL SUSPENDED SOLIDS LOADINGS</u>	<u>ANNUAL BIOCHEMICAL OXYGEN DEMAND LOADINGS</u>
13,400,000 lbs.	13,400,000 lbs.

¹ The allowable flow rate during non-daylight hours in Stage 1 shall not exceed 40 cfs.

EXCEEDANCE CHARGES ADDENDUM

- I. Authority shall be liable to City for the exceedance charges stated below beginning January 1, 1992 or upon completion of the Force Main when Authority exceeds the quantity flow limits set forth in the Flow Limits Addendum.
 - A. Volume: \$3,700.00 per unit of flow over the average daily limit during any consecutive 365 day period, such charge to be billed annually. The unit of flow used to determine exceedances shall be each hundred thousand gallons of wastewater flow per day.
- II. Authority shall be liable to City for the exceedance charges stated below beginning January 1, 1988 when Authority exceeds the quality flow limits set forth in the Flow Limits Addendum.
 - A. Suspended Solids (SS): \$480.00 per thousand pounds over the limit.
 - B. Biochemical oxygen Demand (BOD): \$900.00 per thousand pounds over the limit.

III. Charges for Years Subsequent to 1987

During January 1988 and during January of each calendar year thereafter, the exceedance charges stated above will be adjusted in accordance with the changes in the Consumer price Index for the prior calendar year. The index to be used for this adjustment shall be the Consumer Price index published by the U.S. Bureau of Labor Statistics for all urban consumers (CPI-U) for the Philadelphia SMSA, all items.

APPROVED CONNECTION POINTS TO CITY WASTEWATER SYSTEM

Stage 1

1. Vicinity of State Road and Grant Avenue

Stage 2

1. Vicinity of State Road and Shelmire Avenue

EXHIBIT C

INTERJURISDICTIONAL PRETREATMENT AGREEMENT
BETWEEN
THE CITY OF PHILADELPHIA
AND
THE BUCKS COUNTY WATER AND SEWER AUTHORITY

This Agreement is entered into this day of , 1987,
between the City of Philadelphia ("City") and the Bucks County Water and
Sewer Authority ("Authority").

RECITAL

Whereas, City owns and operates a wastewater treatment system; and

Whereas, Authority currently utilizes this wastewater treatment system
pursuant to an agreement between City and Authority dated (the
"Service Agreement"); and

Whereas, City must develop and implement an industrial pretreatment
program pursuant to conditions contained in its discharge permit (Permit
#PA0026689) issued by the Pennsylvania Department of Environmental
Resources; and

Whereas, Authority desires to continue to utilize the wastewater treat-
ment system and recognizes its industrial waste control obligations under
40 CFR 403.

In consideration of the following terms and conditions City and
Authority agree:

Exhibit D

1. Within two months of the adoption by the City of its new wastewater control regulations, Authority shall enact and diligently enforce a resolution requiring each member municipality to enact an ordinance substantially identical to the regulations adopted by City and providing as specified below ("Resolution").
2. Authority, by Resolution, shall require each member municipality to enact an ordinance specifically incorporating the following provisions:
 - (a) a requirement that any industrial user responsible for any accidental discharge notify immediately both City and Authority;
 - (b) a prohibition on the use of dilution as a control technique for compliance with discharge limits except as allowed by Federal Pretreatment Standards;
 - (c) a grant of authority to impose mass discharge limits in lieu of, or in conjunction with, concentration discharge limits;
 - (d) a prohibition against and penalty for the knowing transmittal of false information by an industrial user to either City or Authority;
 - (e) a grant of explicit authority to Authority to require the industrial user to install all monitoring and pretreatment facilities.
 - (f) within six (6) months of enactment, each member municipality shall notify City and Authority of every non-domestic user with the potential to discharge an extremely hazardous substance as defined by the Superfund Amendments and Reauthorization Act of 1986 and every industrial user within its jurisdiction.
3. City and Authority shall periodically (at a minimum of every five years) review their respective regulations and resolutions and the

member municipalities' ordinances and jointly draft and adopt equivalent amendments to their respective regulations and resolutions where necessary to ensure the effective administration and operation of the pretreatment program. Whenever City becomes aware of a problem with the pretreatment program which can be mitigated by a change in the resolutions, City may draft an amendment which Authority must adopt. If Authority has adopted a resolution requiring its municipalities to adopt ordinances identical to City's regulations, then, whenever City amends its regulations, Authority shall adopt a resolution requiring its member municipalities to adopt the identical amendment.

4. Authority, by Resolution, shall require each member municipality to adopt as part of its ordinance and enforce, and Authority shall establish by resolution and enforce, specific discharge limits at least as stringent as the specific discharge limits established in City regulations.
5. Authority, by Resolution, shall require each member municipality to adopt as part of its ordinance a provision incorporating by reference into the ordinance categorical pretreatment standards promulgated by the U.S. Environmental Protection Agency (EPA) by authority of the Clean Water Act Sections 307(b) and (c) be automatically incorporated by reference into its member municipalities' ordinances. These standards shall supercede any specific discharge limits in the ordinance which are less stringent than the categorical standards as they apply to the particular industrial subcategory. Authority shall notify all affected industrial users of pertinent categorical standards and monitoring and reporting requirements contained in 40 CFR 403.12 or included as part of the categorical standards.

6. Authority, by Resolution, shall require each member municipality to include in its ordinance definitions for "significant industrial user", "industrial user" and "nondomestic user" which are identical to the definitions adopted by City. City may make the final determination as to whether a particular industrial user is a significant industrial user, industrial user or nondomestic user based on information City may request from Authority or its member municipalities. City shall control, through industrial discharge permits, industrial waste discharges from each significant industrial user, industrial user or nondomestic user discharging into the sewer.
7. If there exists any industrial user discharging to Authority sewer system but located outside the jurisdictional limits of Authority, then Authority shall within 30 days of this agreement notify such jurisdiction of this requirement and provide the City with copies of such notification. Authority shall negotiate and enter into an agreement with this outside jurisdiction. Such agreement shall be substantially equivalent to this Agreement, and shall be jointly executed by Authority, City and the outside jurisdiction. If the outside jurisdiction refuses to negotiate and execute an agreement, then City shall enter into a contract with the industrial user which contains terms and conditions substantially equivalent to City industrial discharge permits.
8. Authority, by Resolution, shall require each member municipality to file with City a certified copy of its ordinance and any amendments thereto. Authority shall fill with City other interjurisdictional agreements and any contract entered into for the purposes of industrial

waste control. If Authority maintains, Authority shall provide City access to and copies of, if requested, all industrial monitoring reports including 40 CFR §403.12 compliance reports, self-monitoring reports, baseline reports, records of violations and actions taken, and any other monitoring or reporting requirements imposed by federal, state or local regulations. Any records or other relevant information maintained shall be for at least six years.

9. Any authorized officer or employee of City may enter and inspect at any reasonable time any part of the sewer system of Authority. The right of entry and inspection shall extend to public streets, easements, and property within which the system is located. Additionally, City shall be permitted, as appropriate, to enter onto private property to inspect industrial waste discharges. Authority shall provide complete sets of sewer plans and make all necessary legal and administrative arrangements for these inspections. The right of inspection shall include on-site inspection of pretreatment and sewer facilities, observation, measurement, sampling, testing, and access to (with the right to copy) all pertinent compliance records located on the premises of the industrial user or non-domestic dischargers.
10. Authority and City hereby agree that the City shall implement a pretreatment program within Authority and shall perform in connection therewith technical and administrative activities which may include: 1) updating the industrial waste survey; 2) providing technical services, such as sampling, process chemical analysis, and engineering advice; 3) permitting; 4) compliance monitoring; 5) enforcement support and 6) monitoring hazardous waste disposal practices. Authority may assume

responsibility for conducting the pretreatment program implemented by City at any time upon 90 days' advanced written notice. To the extent Authority shall administer its own pretreatment program, it shall provide the City in writing a detailed outline of the program 90 days prior to initiating such a program and the City shall have the right to approve or disapprove the program. City may periodically review Authority pretreatment program activities and funding to ensure that Authority and any outside jurisdiction is adequately administering its pretreatment program in conformance with the Federal Pretreatment Regulations (40 CRF 403) and all City requirements.

11. City shall review Authority resolution and each member municipality's ordinance and amendments thereto and any interjurisdictional agreements for conformance with 40 CRF part 403, and to ensure inclusion of all other legal provisions mandated by this Agreement. City shall periodically review the enforcement efforts of Authority and any other jurisdiction to ascertain whether pretreatment requirements are being diligently enforced.
12. If City determines that Authority and/or its member municipalities has failed or has refused to fulfill any pretreatment obligations, City may develop and issue a remedial plan containing a description of the nature of the pretreatment deficiencies, an enumeration of corrective steps to be taken and a time schedule for attaining compliance with all pretreatment requirements. Such plans shall be specifically enforceable in a court of competent jurisdiction. Where Authority fails to satisfy the terms of the remedial plan, City may, upon thirty days' written notice, refuse to accept any industrial waste discharges from Authority.

13. In the event that EPA or Pennsylvania Department of Environmental Resources action results in fines, penalties or costs being assessed against City because of industrial or non-domestic waste discharged from Authority, Authority and City shall equitably apportion responsibility for payment of such fines, penalties or costs. Authority shall fully indemnify, defend and hold harmless City for damages or costs arising from personal and property damage pursuant to the Service Agreement.
14. Where a discharge to the wastewater treatment system reasonably appears to present an imminent danger to the health and welfare of persons, or presents or may present an imminent danger to the environment, or threatens to interfere with the operation of the wastewater treatment system, City may immediately initiate steps to identify the source of the discharge, and to hold or prevent said discharge. City may seek injunctive relief against Authority or outside jurisdictions and/or any industrial or non-domestic user contributing to the emergency conditions, and/or may pursue other self-help remedies. Authority shall pay to City the cost of such steps taken to prevent, stop or ameliorate the effects of such discharge.
15. Any disputes arising out of this Agreement shall be submitted to binding arbitration performed in accordance with the procedures set forth in the Service Agreement between Authority and City dated _____.
16. The terms of this Agreement may be amended only by written agreement of the parties. In any event, this Agreement shall be reviewed and revised, as necessary, at least every five years.

17. This Agreement modifies only those provisions of the existing Service Agreement between the two parties which conflict with the terms of this Agreement.

18. This Agreement will remain in effect so long as the Service Agreement remains in effect. Termination of the Service Agreement shall also result in the termination of this Agreement.

The parties hereto have executed this Agreement on the date shown above.

CITY OF PHILADELPHIA

DATE

APPROVED AS TO FORM:
SEYMOUR KURLAND
CITY SOLICITOR

BY: _____

BUCKS COUNTY WATER AND
SEWER AUTHORITY

DATE

ATTEST

DATE

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS, THAT WE, THE BUCKS COUNTY WATER AND SEWER AUTHORITY (hereinafter called the "Principal Obligor"), and _____, Surety, are jointly and severally held and firmly bound unto the Water Department of City of Philadelphia ("City") in the sum of SIX MILLION DOLLARS (\$6,000,000.00) lawful money of the United States of America, to be paid to the said City, its successors and assigns, to which payment, well and truly to be made, we do bind ourselves and each of us, our and each of our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

Sealed with the seal of the said Bucks County Water and Sewer Authority and with the corporate seal of the said _____, Surety, duly attested by the proper officers thereof.

Dated the ____ day of _____, in the year of our Lord One Thousand Nine Hundred and Eighty-Eight (1988).

WHEREAS, the above bounded Principal Obligor agreed to construct a sewer in the City in accordance with the terms and conditions of that certain agreement dated _____, 1988,

EXHIBIT "E"

by and between the City of Philadelphia, acting by and through its Water Department and the Principal Obligor (the "Agreement") and plans and specifications approved by the Water Commissioner of City.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal Obligor shall and do well and truly, in all respects, comply with all the terms, conditions and covenants contained in the above-mentioned Agreement, and shall do and pay unto the City of Philadelphia upon demand, any and all loss, damage and expenses which the said City may or shall sustain by reason of the failure of the said Principal Obligor to comply with the terms of the said Agreement, it being hereby understood and agreed that the reasonable decision of the Water Commissioner or his successor as to such failure in complying with the terms of the said contract Agreement and as to the amount of loss or damage sustained by reason thereof, being binding and conclusive upon the parties hereto, then this obligation to be null and void; otherwise, to be and remain in full force and virtue.

The undersigned Principal Obligor and Surety hereby agree that no modification of the terms of the above-mentioned Agreement or alteration in the work to be done under it, and no forbearance on the part of either City or the Principal Obligor to the other, either by the grant of any extension of time for the performance of the Agreement or otherwise, shall be deemed to release the undersigned or either of them, their or either of their heirs, executors, administrator or assigns, from their lia-

bility hereunder, notice to the Surety of any such modification, alteration, extension of forbearance hereby being waived.

And we do for ourselves and each of us, and each of our heirs, executors, administrators, successors and assigns, hereby authorize and empower any attorney of any court of record in Pennsylvania or elsewhere, upon the filing of this instrument or a copy thereof, duly attested as correct by such attorney, to appear for us or either of us, our or either of our heirs, executors or administrators, successors or assigns, and in our names or in the name of either of us, our or either of our heirs, executors or administrators, successors or assigns, confess a judgment against us or either of us, our or either of our heirs, executors or administrators, successors or assigns, in favor of the Water Department of the City of Philadelphia or any entity performing the functions of the Water Department, for the sum named in this bond, without defalcation, with costs of suit, release of errors, and with five percent (5%) added for collection fees; hereby waiving the benefit of all exemption laws and the holding in inquisition on any real estate that may be levied upon by virtue of such judgment, voluntarily condemning such real estate and authorizing the entry of such condemnation upon any writ of fieri facias and agreeing that said real estate may be sold under the same; and further waiving all errors, defects and imperfections whatsoever in the entering of the said judgment or any process thereon, and hereby agreeing that no writ of error or objection or motion or rule to open or strike off judgment or to

stay execution of appeal, shall be made or taken thereto. The right and power to appear and to enter or confess judgment hereinabove provided for and the right to assess damages under any such judgment shall be exercisable any number of times and shall not be exhausted by one or more uses thereof. And for the doing of these acts this instrument or a copy thereof attested as aforesaid shall be full warrant and authority.

This Performance Bond and the obligations hereunder shall terminate absolutely and be of no further force and effect upon the expiration of the Agreement.

PRINCIPAL:

Attest: _____

By: _____

[Seal]

Surety:

Attest: _____
Secretary

By: _____
Attorney-in-fact

[Corporate Seal]

(If Attorney is not a Pennsylvania resident, this bond must be co-signed for the Surety by a Pennsylvania resident.)

LABOR AND MATERIALMEN'S BOND

KNOW ALL PERSONS BY THESE PRESENTS, THAT WE, The Bucks County Water and Sewer Authority (hereinafter called the "Principal Obligor"), and _____, Surety, are jointly and severally held and firmly bound unto the Water Department of City of Philadelphia ("City") for the use of any and every person, copartnership, association or corporation interested in the sum of SIX MILLION DOLLARS (\$6,000,000.00) lawful money of the United States of America, to be paid to the said City, its successors and assigns, to which payment, well and truly to be made, we do bind ourselves and each of us, our and each of our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

Sealed with the seal of the said Principal Obligor and with the corporate seal of the said _____, Surety, duly attested by the proper officers thereof.

Dated the ____ day of _____, in the year of our Lord One Thousand Nine Hundred and Eighty-Eight (1988).

EXHIBIT "F"

WHEREAS, the above bounded Principal Obligor, agreed to construct a sewer for the Water Department of City in accordance with the terms and conditions of that certain agreement dated _____, 1988, by and between the City of Philadelphia, acting by and through its Water Department and the Bucks County Water and Sewer Authority (the "Agreement") and the plans and specifications approved by the Water Commissioner of City.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal Obligor shall and will promptly pay or cause to be paid to any and every person, copartnership, association or corporation, all sums of money which may be due for material furnished, equipment or machinery rented, services rendered by public utilities, and labor supplied or performed in the prosecution of the work covered by the above-mentioned Agreement, whether or not the said material, equipment, machinery, public utility services or labor enter into and become component parts of the work or improvement contemplated, including, inter alia, (a) all material furnished, equipment or machinery rented, services rendered by public utilities, and labor supplied or performed in preparing the site for the performance of the work covered by said contract, (b) equipment, machinery, public utility services, labor, shoring, sheathing and blasting supplies and other materials used on the site in doing such excavating as may be necessary or required to institute or perform the work specified in the Agreement or machinery rented, services rendered by public utilities and labor supplied or performed in the prose-

cution of work or repair or of maintenance required by or performed under the terms of said Agreement, then this obligation to be null and void; otherwise, to be and remain in full force and virtue.

It is understood and agreed that the City of Philadelphia, by its Water Department, may sue in assumpsit on this bond, for a breach by the Principal under the Agreement, for such sum or sums as may be justly due the City, and have execution thereon; and any such suit shall be commenced not later than the date of termination of the Agreement. It is also understood and agreed that no person, copartnership, association or corporation, who is not a party to the Agreement shall have a right of action upon this bond.

The undersigned Principal Obligor and Surety, for themselves and each of them, their and each of their heirs, executors, administrators, successors and assigns, further agree, jointly and severally, that no modification, alteration, addition or extension of the terms of the above-mentioned Agreement or alteration, addition or diminution of the work to be done under it above-mentioned and described, and no forbearance on the part of either the City or of the Principal Obligor to the other, either by the grant of an extension of time for the performance of the Agreement, of the payments to be made under it, or otherwise, shall be deemed to release the undersigned or either of them, their or either of their heirs, executors or administrators, successors or assigns, from respective liability

hereunder; notice to said surety of any such modification, alteration, addition, extension, diminution and/or forbearance hereby being waived.

It is understood and agreed that the term "Principal Obligor" as used herein shall be construed to include both singular and plural, and shall be deemed to include and designate each and every of the individuals, copartnership, associations and artificial body of person who have entered into the above-mentioned Agreement with the City of Philadelphia, who have been designated above as "Principal", and who other than the Surety have signed and executed this present Indenture.

This Labor and Materialmen's Bond and the Obligations hereunder shall terminate absolutely and be of no further force and effect upon the expiration of the Agreement.

PRINCIPAL:

BUCKS COUNTY WATER AND
SEWER AUTHORITY

Attest: _____

[Seal]

By: _____

Surety:

Attest: _____

By: _____
Attorney-in-fact

(If Attorney is not a
Pennsylvania resident,
this bond must be
co-signed for the Surety
by a Pennsylvania
resident.)

[Corporate Seal]